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INFORMATION DISCLOSURE  
STATEMENT  
Patent Application  
Docket No. UF-289C2  
Serial No. 10/755,008

April 15, 2004

Margaret Efron  
Margaret Efron, Patent Attorney

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit : *not yet assigned*  
Applicant(s) : Raghavan Charudattan, Matthew Scott Pettersen, Ernest Hiebert  
Serial No. : 10/755,008  
Filed : January 8, 2004  
For : Use of Tobacco Mild Green Mosaic Virus (TMGMV) Mediated Lethal Hypersensitive Response (HR) as a Novel Method of Weed Control

Commissioner for Patents  
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Alexandria, VA 22313-1450

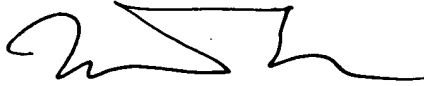
INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §§1.97 AND 1.98

Sir:

In accordance with 37 C.F.R. §1.56, the references listed on the attached form PTO/SB/08 are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. Copies of the cited documents are enclosed.

The applicants respectfully assert that the substantive provisions of 37 C.F.R. §§1.97 and 1.98 are met by the foregoing statement.

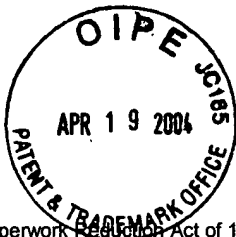
Respectfully submitted,



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MHE/ue

Attachments: Form PTO/SB/08A  
Copies of references cited thereon



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				<b>Application Number</b>	10/755,008
				<b>Filing Date</b>	January 8, 2004
				<b>First Named Inventor</b>	Raghavan Charudattan
				<b>Art Unit</b>	not yet assigned
<b>Examiner Name</b>					
<b>Sheet</b>	1	<b>Of</b>	3	<b>Attorney Docket Number</b>	UF-289C2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	U1	US-4,162,912	07-31-1979	Charudattan	All
	U2				
	U3				
	U4				
	U5				
	U6				
	U7				
	U8				
	U9				

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
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<b>Examiner Signature</b>		<b>Date Considered</b>	
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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				Application Number	10/755,008
				Filing Date	January 8, 2004
				First Named Inventor	Raghavan Charudattan
				Group Art Unit	not yet assigned
				Examiner Name	
Sheet	2	of	3	Attorney Docket Number	UF-289C2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	R1	AKANDA, R.U. <i>et al.</i> "Influence of Postemergence Herbicides on Tropical Soda Apple ( <i>Solanum Viarum</i> ) and Bahiagrass ( <i>Paspalum notatum</i> )" <i>Weed Technol.</i> , (1997), Vol. 11, pp. 656-661.	
	R2	BRYSON, C. and BYRD, J.D. (1996) "Management Strategies for Tropical Soda Apple in Mississippi," Mississippi Dept. Agric. and Commerce, Bureau of Plant Industry Information Sheet. 2 pp.	
	R3	CHARUDATTAN, R. "Biological control of tropical soda apple with plant pathogens and integration of biological control with other management options," <i>Abst. Meet. Weed Sci. Soc. Am.</i> , (2001), Volume 41, page 80.	
	R4	CHISHOLM, S.T. <i>et al.</i> "Cloning of the Arabidopsis RTM1 Gene, which Controls Restriction of Long-distance Movement of Tobacco Etch Virus" <i>Proc. Natl. Acad. Sci.</i> , (2000) Vol. 97, pp. 489-494.	
	R5	CULVER, J.N. (1997) "Viral avirulence genes." Chpt. 6. pp. 196-219 in: G. Stacy and N.T. Keen, eds. <i>Plant-Microbe Interactions</i> , Vol. 2. Chapman & Hall, New York.	
	R6	CULVER, J.N. and DAWSON, W.O. "Tobacco Mosaic Virus Elicitor Coat Protein Genes Produces a Hypersensitive Phenotype in Transgenic <i>Nicotiana sylvestris</i> Plants" <i>Mol. Plant-Microbe Interact.</i> , 1991, pp. 458-463, Vol. 4.	
	R7	DAWSON, W.O. "Tobacco Mosaic Virus Virulence and Avirulence" <i>Phil. Trans. R. Soc. Lond. B.</i> , 1999, pp. 645-651, Vol. 345.	
	R8	DUAN, Y.P. <i>et al.</i> "Expression of a Single, Host Specific, Bacterial Pathogenicity Gene in Plant Cells Elicits Division, Enlargement, and Cell Death" <i>Molec. Plant-Microbe Interact.</i> , pp. 556-560, Vol. 12.	
	R9	ERICKSON, F.L. <i>et al.</i> "The Helicase Domain of the TMV Replicase Proteins induces the N-mediated Defense Response in Tobacco" <i>Plant Journal</i> , pp. 67-75, Vol. 18.	
	R10	FRENCH, R. "Herbert Hice Whetzel (1877-1944) and the First Department of Plant Pathology In the United States," <i>The Newsletter of the Plant Pathology Dept. at the University of Florida</i> (2001), Volume 5, Issue 1, page 3 column 2, paragraph 1, Published by Ronald French, Gainesville, Florida.	
	R11	JURICK, W. "Graduate School: A Student Perspective," <i>The Newsletter of the Plant Pathology Dept. at the University of Florida</i> (2001), Volume 5, Issue 2, page 3 column 2, paragraphs 2-3.	
	R12	MCGOVERN, R.J. <i>et al.</i> " <i>Solanum Viarum</i> : Weed Reservoir of Plant Viruses in Florida" <i>Int. J. Pest Manage.</i> , 1994, pp. 270-273, Vol. 40.	

Examiner Signature		Date Considered	
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	R13	MULLAHEY, JJ and COLVIN, DL. (2000) "Weeds in the sunshine: tropical soda apple ( <i>Solanum viarum</i> ) in Florida-1999," University of Florida Cooperative Extension Serv., Inst. of Food and Agricultural Sciences, 7 pp.	
	R14	MULLAHEY, JJ and COLVIN, DL. (1993) "Tropical soda apple: A new noxious weed in Florida," University of Florida Cooperative Extension Serv., Inst. of Food and Agricultural Sciences, Fact Sheet/WRS-7.	
	R15	MULLAHEY, J.J. "Tropical Soda Apple ( <i>Solanum viarum</i> Dunal), a Biological Pollutant Threatening Florida" <i>Castanea</i> , 1996, pp. 255-260, Vol. 61.	
	R16	PADGETT, H.S. <i>et al.</i> "Identification of the TMV Replicase Sequence that Activates the <i>N</i> Gene-Mediated Hypersensitive Response" <i>Mol. Plant-Microbe Interact.</i> , 1997, pp. 709-715, Vol. 10.	
	R17	PETTERSEN, M. <i>et al.</i> "Tobacco Mild Green Mosaic Tombamovirus Strain U2 causes a Lethal Hypersensitive Response in <i>Solanum Viarum</i> Dunal (tropical soda apple)" <i>Abstr. Meet. Weed Sci. Soc. AM</i> , 2000, p. 40, Vol. 84.	
	R18	PETTERSEN, M. <i>et al.</i> "Tobacco Mild Green Mosaic Virus (TMGMV) induces a Lethal Hypersensitive Response in Tropical Soda Apple ( <i>Solanum viarum</i> Dunal)" <i>Phytopathology</i> , 2001, pp. S71-S72, Vol. 91, No. 6.	
	R19	PETTERSEN, M. <i>et al.</i> "Tobacco and mild green mosaic virus induces a lethal hypersensitive response in tropical soda apple ( <i>Solanum viarum</i> Dunal)," <i>APS. SON. MSA Joint Meeting: Meeting Menu</i> , Salt Lake City, Utah, August 25-29, 2001, <a href="http://www.apsnet.org/meetings/2001/oral_sessions">http://www.apsnet.org/meetings/2001/oral_sessions</a> .	
	R20	PURCIFULL, D.E. "Ouchterlony double-diffusion tests in the presence of sodium dodecyl sulfate for detection of virion proteins and virus-induced inclusion body proteins," in: <i>Serological Methods for the Detection and Identification of Viral and Bacterial Plant Pathogens</i> (1990), Pages 179-196, R. Hampton, et al., eds., APS Press, ST. Paul, MN.	
	R21	SAITO, T. <i>et al.</i> "Coat protein gene sequence of tobacco mosaic virus encodes host response determinant" <i>Proc. Natl. Acad. Sci. of the United States of America</i> , 1987, pp. 6074-6077, Vol. 84, Issue 17.	
	R22	SHIVPRASAD, S. <i>et al.</i> "Heterologous sequences greatly affect foreign gene expression in tobacco mosaic virus-based vectors" <i>Virology</i> (1999), Vol. 255, pp. 312-323.	
	R23	WEBER, H. and PFITZNER, J.P. " <i>Tm-2<sup>2</sup></i> Resistance in Tomato Requires Recognition of the Carboxy Terminus of the Movement Protein of Tomato Mosaic Virus" <i>Molec. Plant-Microbe Interactions</i> , 1998, Vol. 11, pp. 498-503.	

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